

IN THE CLAIMS:

Please cancel claims 1-88 in their entirety without prejudice nor disclaimer of the subject matter set forth therein.

Please add new claims 89-109 as follows.

1.-88. (Canceled)

89. (New) A transmission device comprising:

a transmitter that transmits a transport stream including content data and instructions of data for changing reproduction control based upon a comparison of recording time information and reproduction time information,

said recording time information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

90. (New) A transmission device comprising:

a transmitter that transmits a transport stream including content data and instructions of data for changing reproduction control based upon a comparison of recording place information and reproduction place information,

said recording place information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

91. (New) A transmission device comprising:

a transmitter that transmits a transport stream including content data and instructions of data for changing reproduction control based upon a comparison of recording device information and reproduction device information,

said recording device information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

92. (New) A transmission device comprising:

a transmitter where a transport stream is multiplexed and transmitted, said transport stream includes interactive control data for realizing content data and interactive capability,

said interactive control data further comprising a group of a plurality of interactive control data that are mutually associated, this group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on a comparing of recording time information which indicates when recording was performed with a reproduction time information which indicates when reproduction is performed,

said recording time information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

93. (New) A transmission device comprising:

a transmitter where a transport stream is multiplexed and transmitted, said transport stream includes interactive control data for realizing content data and interactive capability,

said interactive control data further comprising a group of a plurality of interactive control data that are mutually associated, this group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on a comparing of recording place information which indicates where recording was performed with a reproduction place information which indicates where reproduction is performed,

said recording place information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

94. (New) A transmission device comprising:

a transmitter where a transport stream is multiplexed and transmitted, said transport stream includes interactive control data for realizing content data and interactive capability,

said interactive control data further comprising a group of a plurality of interactive control data that are mutually associated, this group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on a comparing of recording device information which indicates in which device recording was performed with a reproduction device information which indicates in which device reproduction is performed,

said recording device information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

95. (New) A transmission method comprising:

multiplexing and transmitting a transport stream that includes interactive control data for realizing content data and providing an interactive capability,

said interactive control data comprising a group of a plurality of interactive control data that are mutually associated, the group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on comparing a recording time information which

indicates when recording was performed with a reproduction time information which indicates when reproduction is performed,

said recording time information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

96. (New) A transmission method comprising:

multiplexing and transmitting a transport stream that includes interactive control data for realizing content data and providing an interactive capability,

said interactive control data comprising a group of a plurality of interactive control data that are mutually associated, the group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on comparing a recording place information which indicates where recording was performed with a reproduction place information which indicates where reproduction is performed,

said recording place information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

97. (New) A transmission method comprising:

multiplexing and transmitting a transport stream that includes interactive control data for realizing content data and providing an interactive capability,

said interactive control data comprising a group of a plurality of interactive control data that are mutually associated, the group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on comparing a recording device information which

indicates in which device recording was performed with a reproduction device information which indicates in which device reproduction is performed,

said recording device information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

98. (New) A carrier wave comprising:

a transport stream including interactive control data for realizing content and interactive capability, said interactive control data constituting a group of a plurality of interactive control data that are mutually associated, this group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on comparing a recording time information which indicates when recording was performed with a reproduction time information which indicates when reproduction is performed,

said recording time information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

99. (New) A carrier wave comprising:

a transport stream including interactive control data for realizing content and interactive capability, said interactive control data constituting a group of a plurality of interactive control data that are mutually associated, this group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on comparing a recording place information which indicates where recording was performed with a reproduction place information which indicates where reproduction is performed,

said recording place information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

100. (New) A carrier wave comprising:

a transport stream including interactive control data for realizing content and interactive capability, said interactive control data constituting a group of a plurality of interactive control data that are mutually associated, this group being transmitted in repetitive fashion a plurality of times,

said interactive control data including an instruction to alter the processing content at the receiving end based on comparing a recording device information which indicates in which device recording was performed with a reproduction device information which indicates in which device reproduction is performed,

said recording device information being generated and recorded in a recording medium by a receiver when the receiver records the content data.

101. (New) A transmission device in accordance with Claim 89,

wherein said content data is video or audio or video/audio signal.

102. (New) A transmission device in accordance with Claim 89,

wherein said instructions for changing reproduction control includes "if" statement.

103. (New) A transmission device in accordance with Claim 89,

wherein said data for changing reproduction control includes data table.

104. (New) A transmission device in accordance with Claim 90,

wherein said content data is video or audio or video/audio signal.

105. (New) A transmission device in accordance with Claim 90,

wherein said instructions for changing reproduction control includes **“if”**  
statement.

106. (New) A transmission device in accordance with Claim 90,  
wherein said data for changing reproduction control includes data table.

107. (New) A transmission device in accordance with Claim 91,  
wherein said content data is video or audio or video/audio signal.

108. (New) A transmission device in accordance with Claim 91,  
wherein said instructions for changing reproduction control includes **“if”**  
statement.

109. (New) A transmission device in accordance with Claim 91,  
wherein said data for changing reproduction control includes data table.